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Seattle

Engineering Department WATER QUALITY
FINANCIAL ASSISTANCE

Cyril Juanitas, Acting Director
Norman B. Rice, Mayor

August 30, 1996

VIA FACSIMILE AND U.S. MAIL

Michael Llewelyn, Program Manager
Water Quality Program
Washington State Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

Re: First Year Report under Municipal Stormwater Permit No. WASM23003

Dear Mr. Llewelyn:

This report is submitted by the City of Seattle (the City) pursuant to Special Condition S10 of the NPDES and State Waste Discharge General Permit for discharges from municipal separate storm sewers for the Cedar/Green Water Quality Management Area. It covers the 12-month period between July 1, 1995 and June 30, 1996.

Status of Implementing Components of the Stormwater Management Program

Components contained in the City's Stormwater Management Plan (Draft, March 29, 1996) are being implemented. The City and Ecology are continuing to work toward final approval of the City's SWMP.

Changes in Permit Coverage Area

There were no changes in permit coverage area.

Expenditures for Components of Stormwater Management Program

Budgeted and proposed expenditures for components of the City's Stormwater Management Program will be addressed in subsequent annual reports after the SWMP is approved.

Revisions to Fiscal Analysis Contained in Stormwater Management Program

Revisions to the fiscal analysis contained in the City's Stormwater Management Program will be addressed in subsequent annual reports after the SWMP is approved.

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Seattle Engineering Department, Room 400, Seattle Municipal Building, 600 Fourth Avenue, Seattle, Washington 98104-1879 (206) 684-5000 VTDD (206) 233-

Compliance Actions

The Department of Construction and Land Use (DCLU) issued 13 Notices of Violation related to the Stormwater, Grading and Drainage Control Code, and 11 Notices of Violation related to the Environmentally Critical Areas Code. The Drainage and Wastewater Utility (DWU) responded to 100 water quality complaints during the reporting period, conducting 77 on-site visits and sending 15 letters containing follow-up comments and recommendations. Ninety-nine of the 100 complaints were resolved. DWU also responded to over 120 drainage-related complaints.

Inspections

Between July 1, 1995 and June 30, 1996, there were 755 drainage and drainage related permits issued by the Street Use section of the Seattle Engineering Department (SED). All of these sites have been, or are scheduled to be, inspected by SED personnel. SED crews conducted TV inspections of 404,386 linear feet of sewer or combined sewer pipes and 99,193 linear feet of separated storm drain lines. DWU conducted 196 business inspections, of which 96 involved on-site visits and another 100 were drive-by inspections.

Public Education Activities

DWU sponsored water quality education programs in 105 Seattle schools. The Salmon in the Classroom program helped schools raise salmon fry from eggs for release into local creeks through DWU-sponsored field trips. Schools were also sent on field trips to the Seattle Aquarium, University of Washington Fish Hatchery, Burke Museum, and Springbrook Trout Farm. For the first time, water quality field trips to three Seattle Parks were included: Seward Park (Lake Washington and old growth forest); Camp Long (Longfellow Creek); and Carkeek Park (salmon return to Pipers Creek). Watershed interpretive programs were developed for each of these three destinations under direction from DWU.

DWU, King County, Tacoma, Bellevue and the Department of Ecology formed the *Water Quality Consortium* to develop a mass media education campaign. Two television and four newspaper advertisements were produced for local markets. The total value of the campaign exceeded \$1 million.

A grant was received from the Puget Sound Water Quality Authority that will enable DWU to develop an interactive multi-media education program based on DWU's award winning, "Water You Doing?" video. The CD-ROM program will include 22 interactive enhancements based on water quality topics covered in the video, enabling students to learn about surface water resources and their protection. The program will be distributed free of charge to local schools and will also be promoted through the Internet.

Source control education in the Lake Union and Elliott Bay/Duwamish watersheds included development of best management practice information sheets that have been made available to the business community. In addition, DWU completed the production and issuance of a series of five newsletters about protecting water quality that featured articles about protection techniques, regulations, sources of assistance and individual business profiles.

Known Changes in Water Quality

There are no known changes in water quality in receiving water bodies of the city, as measured by chemical analysis. Throughout the course of the City's water quality assessment monitoring program, any significant deviations from expected values were investigated for potential illicit connections or illegal discharges as part of the City's source control program.

Mike Llewelyn
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Status of Watershed-wide Coordination and Activities

The NPDES Permittee Interagency Work Group met on a number of occasions to discuss stormwater management planning issues. The City continued its involvement with the Interagency Regulatory Analysis Committee and the Lake Union Action Team. The City worked with the University of Washington's Center for Urban Water Resources Management in matters related to the Habitat Assessment program and a grant-funded monitoring program for the Duwamish River. Members of the DWU are regular attendees at the American Public Works Association Stormwater Managers' Committee Meetings. The City regularly staffs, or provides input to, state and local committees working on water quality issues.

Sincerely,



Chuck Kleeberg, Director
Drainage and Wastewater Utility

CFK/RDC:rdc

cc: Cyril Juanitas, Acting Director, Seattle Engineering Department
Joe Talbot, Drainage and Wastewater Utility
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